Update:
The GEO Standards and Interoperability Forum (SIF)

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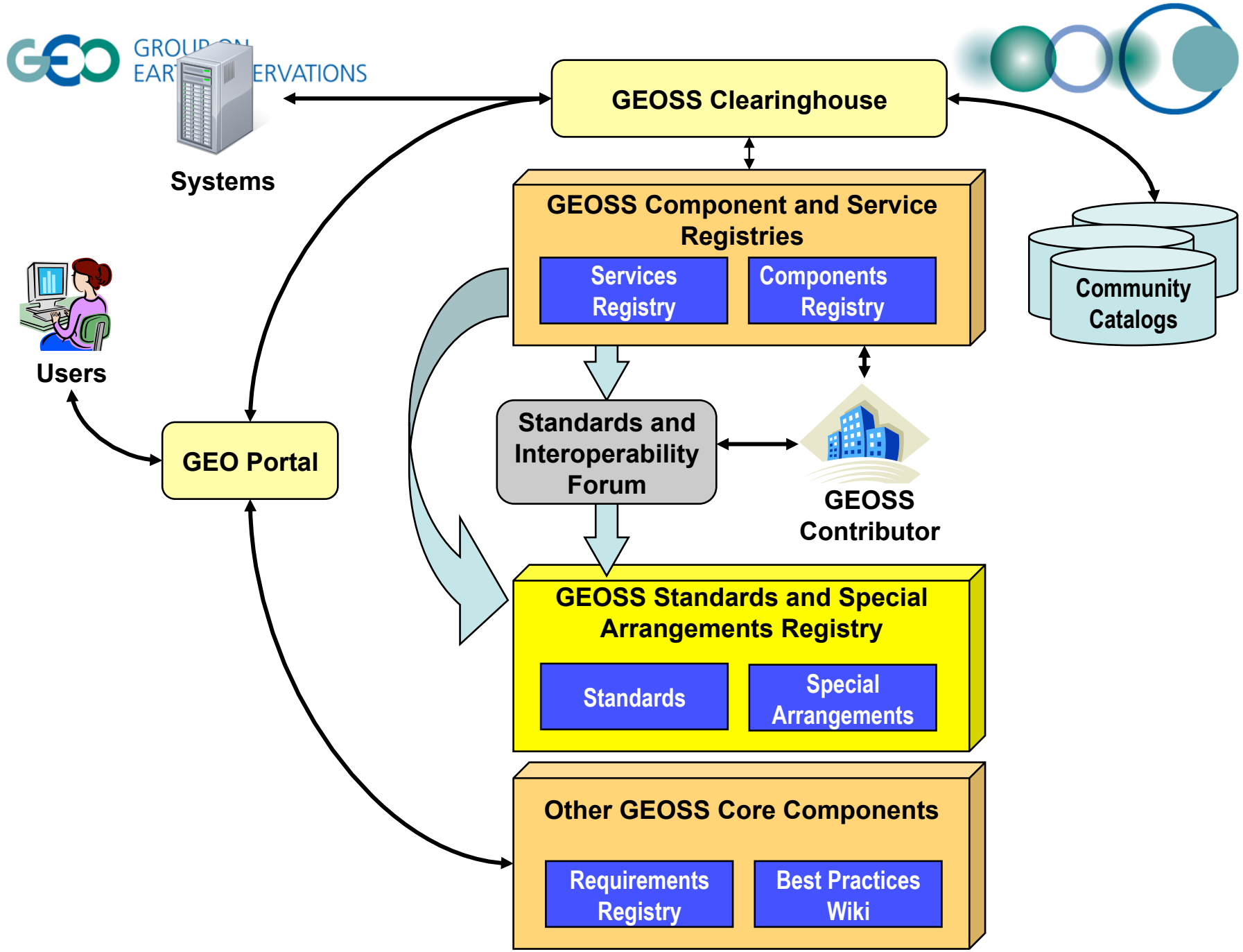
GEO Components, Services and Standards

- Any GEO Member or Participating Organization my contribute components to GEOSS
  - This is done by registering those components in the GEOSS Components Registry
  - All components are welcome
- If the component exposes services, these are registered in the GEOSS Service Registry
  - When registering services the provider may designate standards employed by that service
  - The list of standards is maintained in the Standards Registry
  - If the “interoperability arrangement” employed by the service is not in the pick-lists, the provider may register a candidate “Special Arrangement”


GEOSS Clearinghouse
Systems
GEOSS Component and Service Registries
Services Registry
Components Registry
Community Catalogs
Users
GEO Portal
Standards and Interoperability Forum
GEOSS Contributor
GEOSS Standards and Special Arrangements Registry
Standards
Special Arrangements
Other GEOSS Core Components
Requirements Registry
Best Practices Wiki

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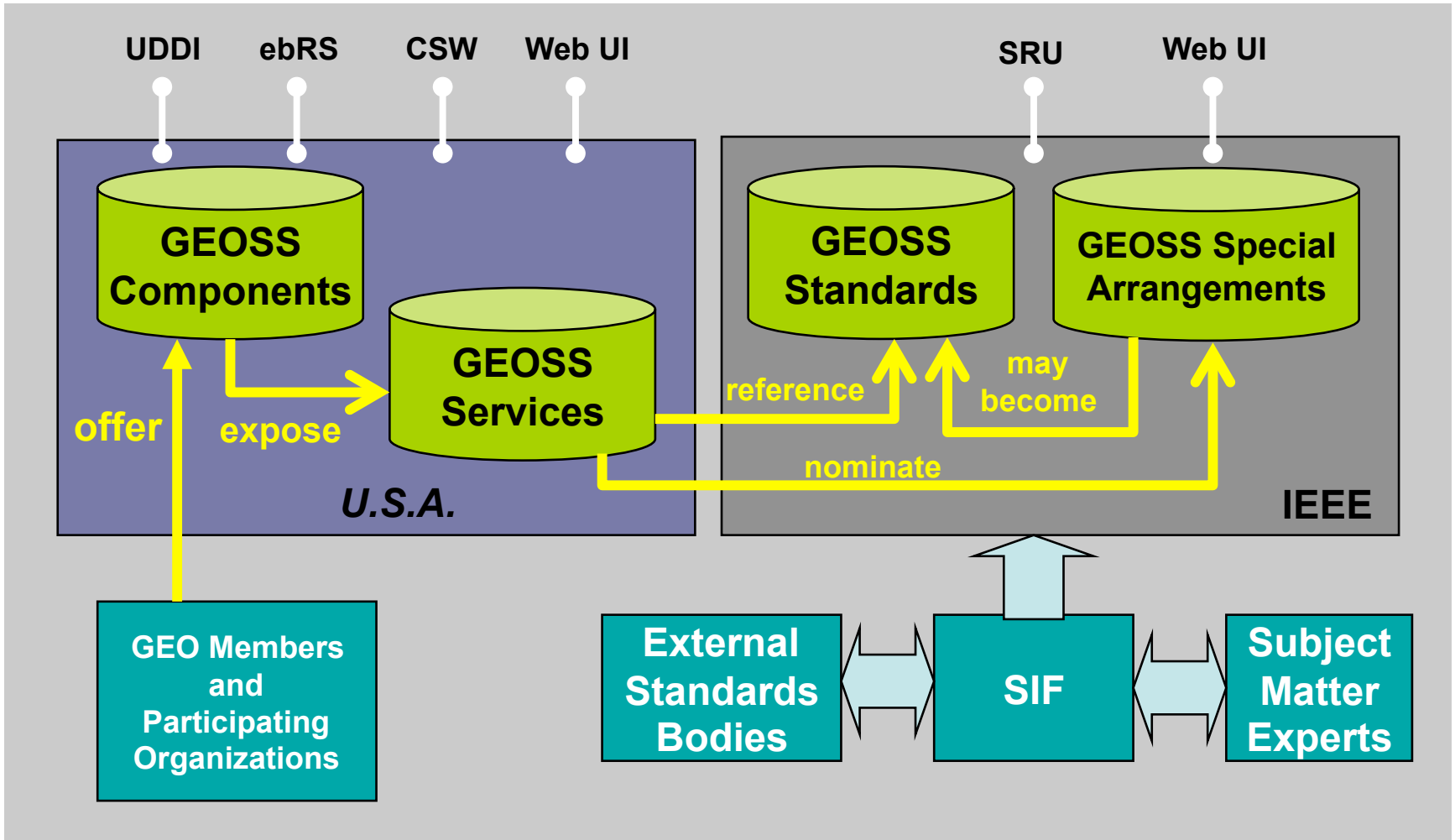
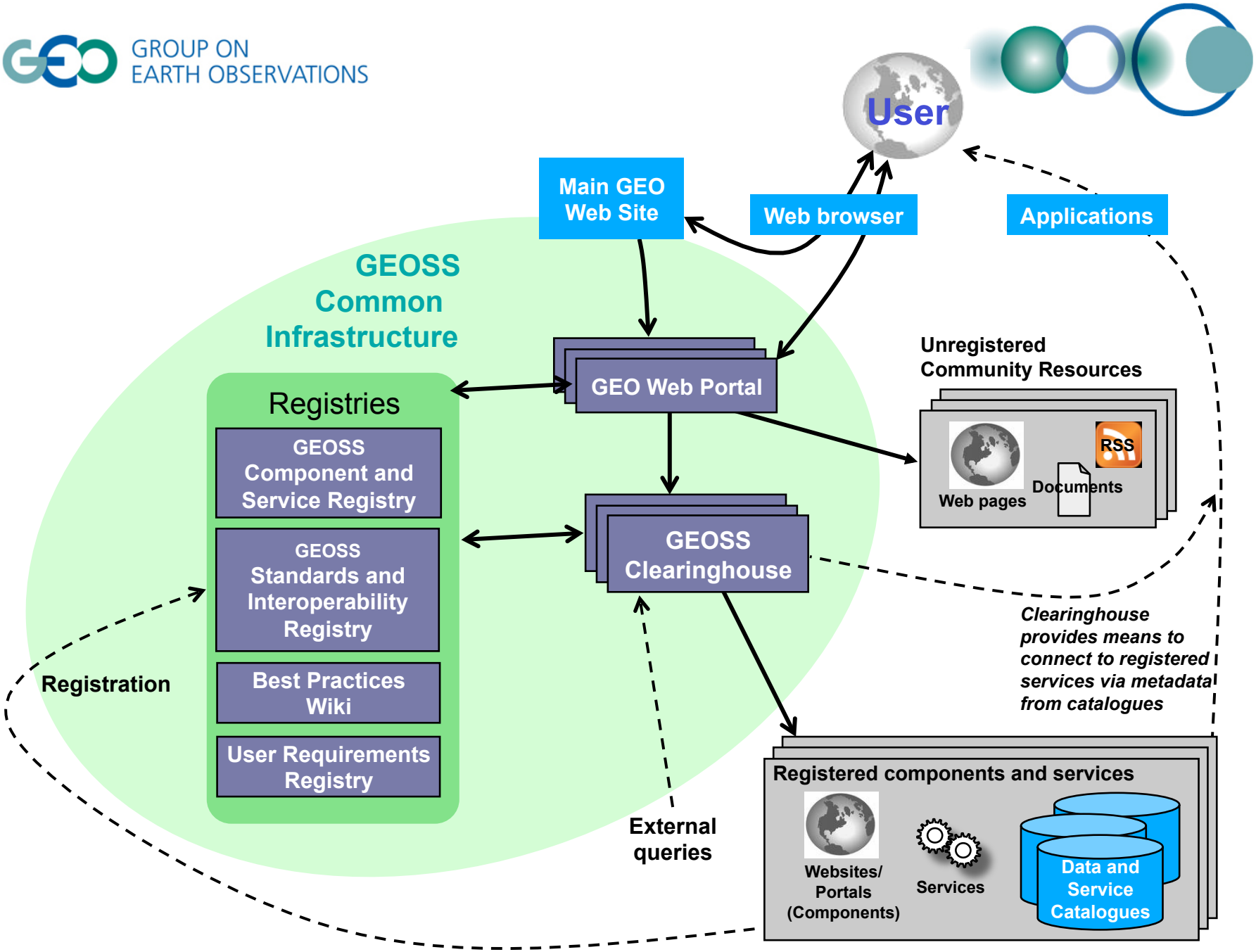
GEOSS Registries

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User
Main GEO
Web Site
Web browser
Applications
GEOSS
Common
Infrastructure
GEO Web Portal
Unregistered
Community Resources
Registries
GEOSS
Component and
Service Registry
GEOSS
Standards and
Interoperability
Registry
Best Practices
Wiki
User Requirements
Registry
GEOSS
Clearinghouse
RSS
Web pages
Documents
Clearinghouse
provides means to
connect to registered
services via metadata
from catalogues
Registration
External
queries
Registered components and services
Websites/
Portals
(Components)
Services
Data and
Service
Catalogues

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Process

- How do Standards and Special Arrangements get into the Standards Registry?
  - Prepopulated by SIF
    - Done prior to deployment of Service Registry
    - Included common OGC and ISO/TC211 stds
  - Proposed via Service Registry
    - Associated with a component
  - Proposed at Standards Registry Site
    - User registration required

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Issues

- Original concept: interoperability in GEOSS would develop organically as links between systems were established on an as-needed basis
  - Not all GEOSS components would connect to a common network
  - Capture successful interoperability implementations in Best Practices Registry?
- Bounded set of GEO standards to advance interoperability?
  - Promotion of particular standards considered inconsistent with the nature of GEO
  - SIF must exercise a “light touch” as registry gatekeeper
  - How to foster convergence?
  - ToR says SIF can recommend particular standards
  - Issue will be discussed in the next ADC co-Chairs meeting

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SIF Regional Teams

- The SIF “Regional Teams” are still being formulated
  - EC funded initiative, GIGAS, to coordinate efforts of INSPIRE, GMES and GEOSS
  - Teams identified for N. America, Japan, China, S. America
  - Indian regional team being worked
  - Suggested that African participants team-up with the European team for the moment, and once their membership gets going, split off at that time.
- Subject matter expert database being developed

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Participation

- Currently SIF meeting every other week via telecon
- First face-to-face meeting of RT leads in Bucharest

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Thanks!